Figure 1 – Grid Pattern

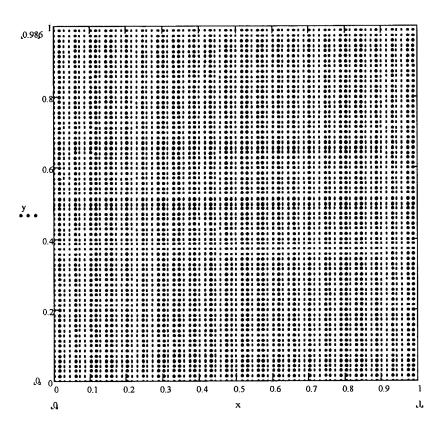


Figure 2. - Monte Carlo (shows clumping and voiding)

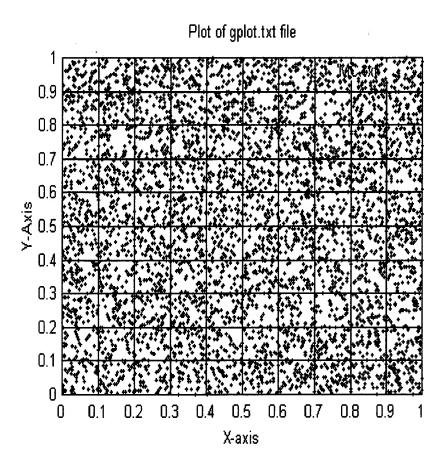


Figure 3. – Quasi-Monte Carlo with mapping

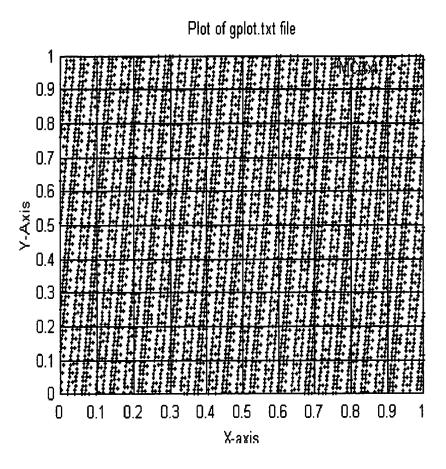
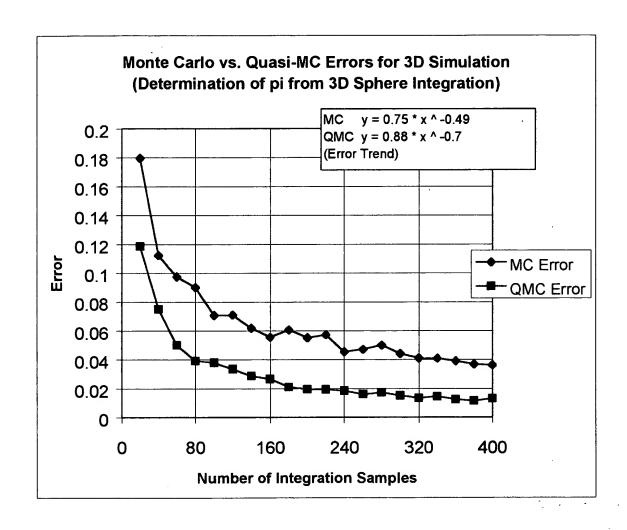


Figure 4. – Errors vs. simulation point number (note error of QMC method at 80 simulation points is approximately equal to 320 simulation points using the MC method)



4

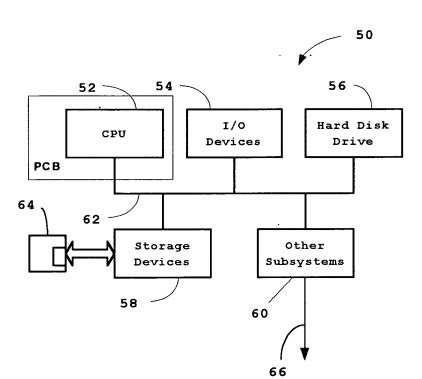


Figure 5. – Computer System Block Diagram